

TTCCTGCCCTGACCCCCAAAGTGAGGAGAAGCTGCAAGGGAAAAGGGAGGGACAGATCAG 60
GGAGACCGGGGAAGAAGGAGGACGAGCCAAGGAGGCTGCTGTCCCCCACAGAGCAGCTC 120
GGA CT CAGCTCCCGGGAAGCAACCCAGCTGCGGAGGCAACGGCAGTGCTGCTCCTCCAGC 180
GAAGGACAGCAGGCAGGCAGACAGACAGAGGTCCTGGGACTGGAAGGCCTCAGCCCCCAG 240
CCTACTGGGCTGGGCTGGCCCAATGGCCTTTAATGACCTCCTGCAGCAGGTGGGGGGTGT 300
M A F N D L L Q Q V G G V
CGGCCGCTTCCAGCAGATCCAGGTCACCCCTGGTGGTCCTCCCCCTGCTCCTGATGGCTTC 360
G R F Q Q I Q V T L V V L P L L L M A S
TCACAACACCCCTGCAGAACTTCACTGCTGCCATCCCTACCCACCACTGCCGCCCGCCTGC 420
H N T L Q N F T A A I P T H H C R P P A
CGATGCCAACCTCAGCAAGAACGGGGGGCTGGAGGTCTGGCTGCCCCGGGACAGGCAGGG 480
D A N L S K N G G L E V W L P R D R Q G
GCAGCCTGAGTCCTGCCTCCGCTTCACCTCCCCGCAGTGGGGACTGCCCTTTCTCAATGG 540
Q P E S C L R F T S P Q W G L P F L N G
CACAGAAGCCAATGGCACAGGGGCCACAGAGCCCTGCACCGATGGCTGGATCTATGACAA 600
T E A N G T G A T E P C T D G W I Y D N
CAGCACCTTCCCATCTACCATCGTGACTGAGTGGGACCTTGTGTGCTCTCACAGGGCCCT 660
S T F P S T I V T E W D L V C S H R A L
ACGCCAGCTGGCCAGTCCTTGACATGGTGGGGGTGCTGCTCGGAGCCATGGTGTTCGG 720
R Q L A Q S L Y M V G V L L G A M V F G
CTACCTTGCAGACAGGCTAGGCCGCCGGAAGGTACTCATCTTGAACCTGCAGACAGC 780
Y L A D R L G R R K V L I L N Y L Q T A

FIG. 1

TGTGTCAGGGACCTGCGCAGCCTTCGCACCCAACCTCCCCATCTACTGCGCCTTCCGGCT 840
V S G T C A A F A P N F P I Y C A F R L
CCTCTCGGGCATGGCTCTGGCTGGCATCTCCCTCAACTGCATGACACTGAATGTGGAGTG 900
L S G M A L A G I S L N C M T L N V E W
GATGCCCATTCACACACGGGCCTGCGTGGGCACCTTGATTGGCTATGTCTACAGCCTGGG 960
M P I H T R A C V G T L I G Y V Y S L G
CCAGTTCCTCCTGGCTGGTGTGGCCTACGCTGTGCCCCACTGGCGCCACCTGCAGCTACT 1020
O F L L A G V A Y A V P H W R H L O L L
GGTCTCTGCGCCTTTTTTGCCTTCTTCATCTACTCCTGGTTCTTCATTGAGTCGGCCCCG 1080
V S A P F F A F F I Y S W F F I E S A R
CTGGCACTCCTCCTCCGGGAGGCTGGACCTCACCTGAGGGCCCTGCAGAGAGTCGCCCCG 1140
W H S S S G R L D L T L R A L O R V A R
GATCAATGGGAAGCGGGAAGAAGGAGCCAAATTGAGTATGGAGGTACTCCGGGCCAGTCT 1200
I N G K R E E G A K L S M E V L R A S L
GCAGAAGGAGCTGACCATGGGCAAAGGCCAGGCATCGGCCATGGAGCTGCTGCGCTGCC 1260
Q K E L T M G K G Q A S A M E L L R C P
CACCTCCGCCACCTCTTCCTCTGCCTCTCCATGCTGTGGTTTGCCACTAGCTTTGCATA 1320
T L R H L F L C L S M L W F A T S F A Y
CTATGGGCTGGTCATGGACCTGCAGGGCTTTGGAGTCAGCATCTACCTAATCCAGGTGAT 1380
Y G L V M D L Q G F G V S I Y L I Q V I
CTTTGGTGCTGTGGACCTGCCTGCCAAGCTTGTGGGCTTCCTTGTCACTCAACTCCCTGGG 1440
F G A V D L P A K L V G F L V I N S L G
TCGCCGGCCTGCCCAGATGGCTGCACTGCTGCTGGCAGGCATCTGCATCCTGCTCAATGG 1500
R R P A Q M A A L L A G I C I L L N G
GGTGATACCCAGGACCAGTCCATTGTCCGAACCTCTCTTGCTGTGCTGGGAAGGGTTG 1560
V I P Q D Q S I V R T S L A V L G K G C

FIG. 2

10088316-022802

TCTGGCTGCCTCCTTCAACTGCATCTTCCTGTATACTGGGGAAGTATCCCACAATGAT 1620
L A A S F N C I F L Y T G E L Y P T M I

CCGGCAGACAGGCATGGGAATGGGCAGCACCATGGCCCGAGTGGGCAGCATCGTGAGCCC 1680
R Q T G M G M G S T M A R V G S I V S P

ACTGGTGAGCATGACTGCCGAGCTCTACCCCTCCATGCCTCTCTTCATCTACGGTGCTGT 1740
L V S M T A E L Y P S M P L F I Y G A V

TCCTGTGGCCGCCAGCGCTGTCACTGTCTCTGCCAGAGACCCTGGGCCAGCCACTGCC 1800
P V A A S A V T V L L P E T L G Q P L P

AGACACGGTGCAGGACCTGGAGAGCAGGAAAGGGAAACAGACGCGACAGCAACAAGAGCA 1860
D T V Q D L E S R K G K Q T R Q Q Q E H

CCAGAAGTATATGGTCCCACTGCAGGCCTCAGCACAAGAGAAGAATGGACTCTGAGGACT 1920
Q K Y M V P L Q A S A Q E K N G L .

GAGAAGGGGCCTTACAGAACCCTAAAGGGAGGGAAGGTCCTACAGGTCTCCGGCCACCCA 1980

CACAAGGAGGAGGAAGAGGAAATGGTGACCCAAGTG TGGGGTTGTGGTTCAGGAAAGCA 2040

TCTTCCCAGGGGTCCACCTCCCTTTATAAACCCACCCAGAACCCACATCATTAAAAGGTTT 2100

GACTGCGAAAAAAAAAAAAAAAAA
→ 2123

FIG. 3